

IN THE CLAIMS:

Please amend claims 1-10, and add new claims 11-12 as follows:

1. (Currently Amended) A redundancy packet transmission system comprising an active router and a standby router each of which includes a function to realize ~~a plurality of two or more~~ virtual routers therein, and an internal wiring conductor to connect said active router and said standby router,

wherein each of said active router and said standby router includes:
a network interface accommodating communication channels;
a processor for making a predetermined process on a received packet;
a table memory for storing respective routing information necessary for [[the]] routing processing of said received packet by each of said two or more virtual routers realized in a same router independently; and
a program memory in which a program to be executed by said processor provided in the same router is previously stored therein in advance,
whereby when a trouble occurs in said active router 11, said system has said standby router take over routing processing of the active router 11 by synchronizing per virtual router independently via synchronizing (1) said respective routing information stored in the table memory of the active router and managed by only one of said two or more of said plurality of virtual routers realized and activated on said active router with (2) said respective routing information stored in the table memory of the standby router and managed by a corresponding one of said two or more of the virtual routers realized but not yet activated on said standby router, said processor provided [[on]]in said active router transmits through the internal wiring conductor to said standby router a packet including a virtual router configuration flag and identification information of said only one of said two or more virtual routers realized and activated on said active router, receives a response signal relative to said identification information from said corresponding one of said two or more virtual routers realized but not yet activated on said standby router, and transmits and saves to said standby router said respective routing information managed by said only one of said two or more of the plurality of virtual routers realized and activated on said active router.

2. (Currently Amended) A redundancy packet transmission ~~router system~~ according to claim 1, wherein ~~said processor provided on said active router transmits to said standby router said packet that includes said identification information of one of said two or more virtual routers realized and activated on said active router and an identifier indicating said virtual router configuration flag indicates~~ whether to activate said corresponding one of said two or more virtual routers realized but not yet activated on said standby router.
3. (Currently Amended) A redundancy packet transmission ~~router system~~ according to claim 1, wherein said standby router updates said respective routing information managed by said corresponding ones of said two or more virtual routers realized and activated on said standby router on the basis of said routing respective information sent from said active router.
4. (Currently Amended) A redundancy packet transmission ~~router system~~ according to claim 1, wherein said active router periodically transmits said packet including said identification information of said only one of said two or more virtual routers realized and activated on said active router to said standby router.
5. (Currently Amended) A redundancy packet transmission ~~router system~~ according to claim 4, wherein said standby router has a counter, and said standby router decides by said counter that when said standby router does not receive said packet including said virtual router configuration flag and said identification information of said only one of said two or more virtual routers realized and activated on said active router for a predetermined time, as said only one of said two or more virtual routers realized and activated on said active router [[have]] has failed, and then starts to take over processing being handled by said two or more virtual routers realized and activated on said active router.
6. (Currently Amended) A redundancy packet transmission ~~router system~~ according to claim 1, wherein said packet including said virtual router configuration flag and said identification information of said only one of said two or more virtual routers realized and activated on said active router is a Virtual Router Redundancy Protocol (VRRP) packet.

7. (Currently Amended) A redundancy packet transmission ~~router system~~ according to claim 6, wherein said identification information of said only one of said two or more virtual routers realized and activated on said active router is recorded in a Virtual Router identifier (VRID) field of said VRRP packet.
8. (Currently Amended) A redundancy packet transmission ~~router system~~ according to claim 2, wherein said packet including said virtual router configuration flag and said identification information of said only one of said two or more virtual routers realized and activated on said active router is a Virtual Router Redundancy Protocol (VRRP) packet.
9. (Currently Amended) A redundancy packet transmission ~~router system~~ according to claim 8, wherein said identifier virtual router configuration flag indicating whether to activate said corresponding one of said two or more virtual routers is stored in a type field of said VRRP packet.
10. (Currently Amended) A redundancy packet transmission ~~router system~~ according to claim 2, further comprising a configuration console that has a display screen and command input means, wherein said identifier virtual router configuration flag indicating whether to activate said corresponding one of said two or more virtual routers is determined on the basis of a command entered through said command input means.
11. (New) A redundancy packet transmission system according to claim 1, wherein the internal wiring conductor to connect said active router and said standby router is a communication channel that is connected to said network interface of each of the active and standby routers.
12. (New) A redundancy packet transmission system according to claim 1, wherein each of said active router and said standby router further includes a switch, and the internal wiring conductor to connect said active router and said standby router is a VRRP packet transfer dedicated line between said switch of each of the active and standby routers.